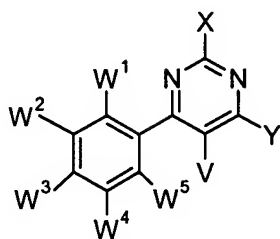


In the claims:

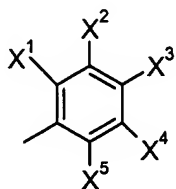
1. (cancelled)

2. (cancelled)

3. (withdrawn) An electroluminescent device according to claim 18, comprising a pyrimidine compound of formula

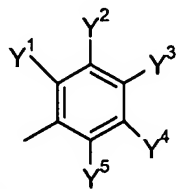


(III), wherein



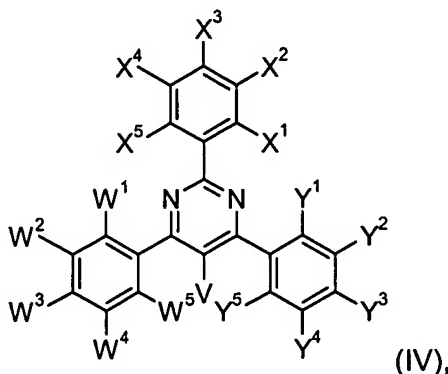
Y is R<sup>1</sup>, if X is

, or X is R<sup>1</sup>, if Y is



R<sup>1</sup> is H, C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl, C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; or -NR<sup>5</sup>R<sup>6</sup>; and V is H.

4. (withdrawn) An electroluminescent device according to claim 18, comprising a pyrimidine compound of formula

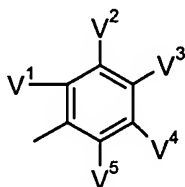


(IV),

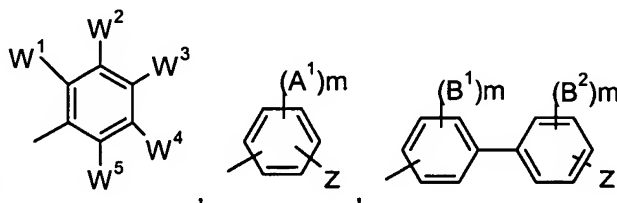
wherein

V is H, and  $W^1$  and  $W^5$ ,  $Y^1$  and  $Y^5$  as well as  $X^1$  and  $X^5$  are independently of each other H;  $C_1$ - $C_{18}$ alkyl; or  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D.

5. **(withdrawn)** An electroluminescent device according to claim 18, wherein V is a group of the

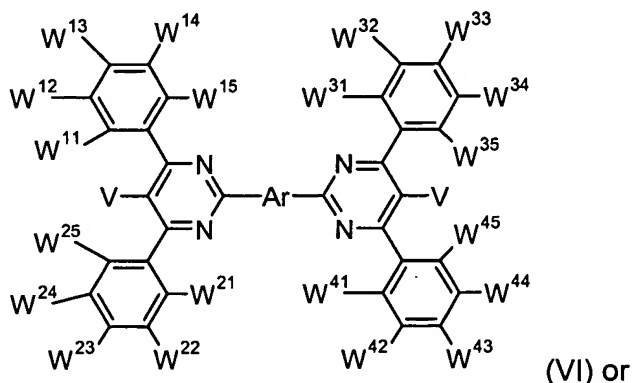


formula  $\text{C}_1$ , H,  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl,  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ; or  $-NR^5R^6$ ; and

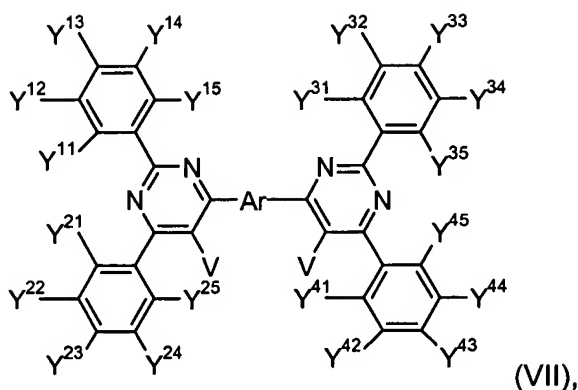


W is a group of the formula  $\text{C}_1$ , H,  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl,  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ; or  $-NR^5R^6$ ; and  $R^{101}$  and  $R^{102}$  are independently of each other H,  $C_1$ - $C_8$ alkyl,  $C_6$ - $C_{24}$ aryl, or  $C_5$ - $C_7$ cycloalkyl.

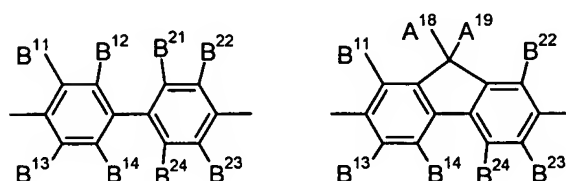
6. **(withdrawn)** An electroluminescent device according to claim 17, comprising a pyrimidine compound of formula



(VI) or



wherein



Ar is a group of formula

, or

$W^{11}$  to  $W^{15}$ ,  $W^{21}$  to  $W^{25}$ ,  $W^{31}$  to  $W^{35}$ ,  $W^{41}$  to  $W^{45}$ ,  $Y^{11}$  to  $Y^{15}$ ,  $Y^{21}$  to  $Y^{25}$ ,  $Y^{31}$  to  $Y^{35}$  and  $Y^{41}$  to  $Y^{45}$  are independently of each other H;  $C_6$ - $C_{24}$ aryl;  $C_6$ - $C_{24}$ aryl which is substituted by G;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_7$ - $C_{18}$ alkylaryl;  $C_7$ - $C_{18}$ alkylaryl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl;  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy,  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ;  $-NR^5R^6$ ;  $C_2$ - $C_{24}$ heteroaryl;  $C_2$ - $C_{24}$ heteroaryl which is substituted by L;  $-SOR^4$ ;  $-SO_2R^4$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $C_4$ - $C_{18}$ cycloalkyl;  $C_4$ - $C_{18}$ cycloalkyl which is substituted by E and/or interrupted by D;  $C_4$ - $C_{18}$ cycloalkenyl;  $C_4$ - $C_{18}$ cycloalkenyl which is substituted by E and/or interrupted by D;

V is H;  $C_6$ - $C_{24}$ aryl;  $C_6$ - $C_{24}$ aryl which is substituted by G;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_7$ - $C_{18}$ alkylaryl;  $C_7$ - $C_{18}$ alkylaryl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl;  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy,  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ; or  $-NR^5R^6$ ;  $C_2$ - $C_{24}$ heteroaryl;  $C_2$ - $C_{24}$ heteroaryl which is substituted by L;  $-SOR^4$ ;  $-SO_2R^4$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $C_4$ - $C_{18}$ cycloalkyl;  $C_4$ - $C_{18}$ cycloalkyl which is substituted by E and/or interrupted by D;  $C_4$ - $C_{18}$ cycloalkenyl;  $C_4$ - $C_{18}$ cycloalkenyl which is substituted by E and/or interrupted by D;

A<sup>18</sup> and A<sup>19</sup> are independently of each other H, C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E,

B<sup>11</sup> to B<sup>14</sup> and B<sup>21</sup> to B<sup>24</sup> are independently of each other H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>18</sub>heteroaryl; C<sub>2</sub>-C<sub>18</sub>heteroaryl which is substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; or -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D.

G is E; K; heteroaryl; heteroaryl which is substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E and/or K;

K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D;

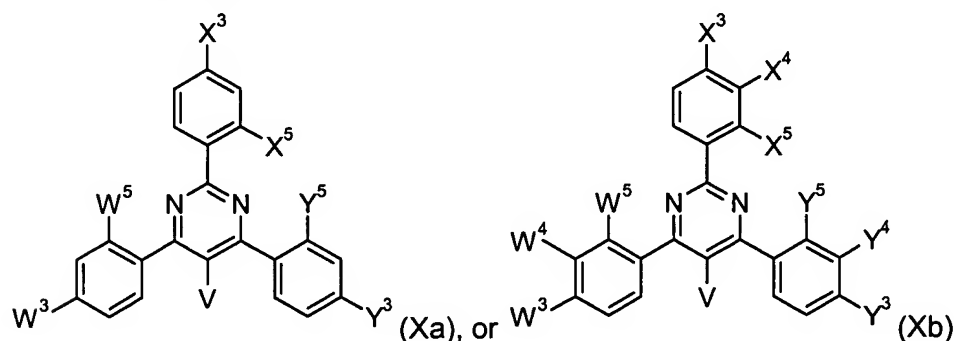
L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G, E and/or K;

R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

$R^8$  is H;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkoxy;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ; or two substituents selected from  $V^1$  to  $V^5$ ,  $W^1$  to  $W^5$ ,  $X^1$  to  $X^5$ ,  $Y^1$  to  $Y^5$  which are in neighborhood to each other form a five to seven membered ring.

7. **(withdrawn)** An electroluminescent device according to claim 17, wherein the pyrimidine compound has the following formula



wherein

V is H, or  $C_1-C_8$ -alkyl,

$X^3$  and  $X^4$  are independently of each other H,  $C_1-C_8$ alkyl,  $C_1-C_8$ alkoxy,  $C_1-C_8$ thioalkyl, or phenyl,

$X^5$  is H, or  $C_1-C_8$ alkoxy,

$W^5$  is H,  $C_1-C_8$ alkyl, or  $O(CH_2)_{n1}-X$ ,

$Y^5$  is H,  $C_1-C_8$ alkyl, or  $O(CH_2)_{n1}-X$ ,

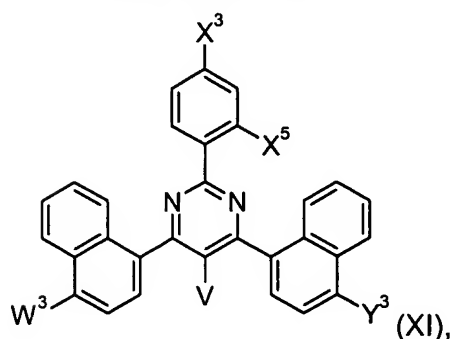
$Y^3$ ,  $Y^4$ ,  $W^3$  and  $W^4$  are independently of each other  $C_1-C_8$ alkyl,  $C_1-C_8$ alkoxy,  $C_1-C_8$ thioalkyl,

halogen, in particular Br, phenyl, or  $O(CH_2)_{n1}-X$ , wherein  $n1$  is an integer of 1 to 5 and X is –

$O-(CH_2)_{m1}CH_3$ ,  $-OC(O)-(CH_2)_{m1}CH_3$ ,  $-C(O)-O-C_1-C_8$ alkyl,  $-NR^{103}R^{104}$ , wherein  $m1$  is an integer of 0 to 5 and  $R^{103}$  and  $R^{104}$  are independently of each other H, or  $C_1-C_8$ -alkyl, or  $R^{103}$  and  $R^{104}$

together form a five or six membered heterocyclic ring;

or the following formula



wherein

V is H, or C<sub>1</sub>-C<sub>8</sub>alkyl,

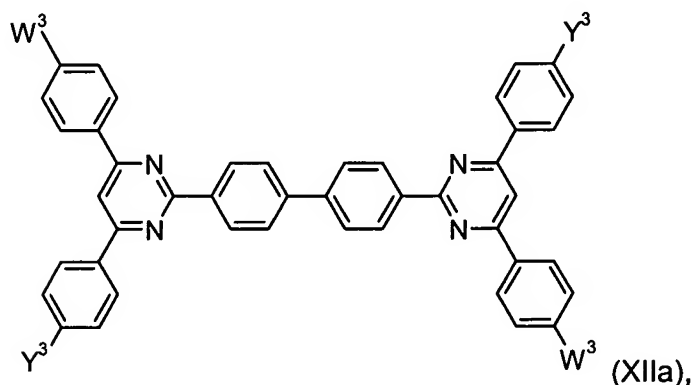
W<sup>3</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, or C<sub>1</sub>-C<sub>8</sub>alkoxy,

X<sup>3</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkoxy, phenyl or O(CH<sub>2</sub>)<sub>n1</sub>-X,

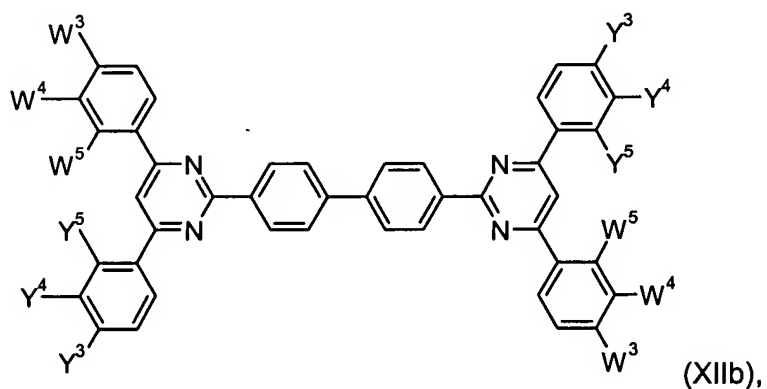
X<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkoxy, phenyl or O(CH<sub>2</sub>)<sub>n1</sub>-X,

Y<sup>3</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, or C<sub>1</sub>-C<sub>8</sub>alkoxy, wherein n1 is an integer of 1 to 4 and X is -O-(CH<sub>2</sub>)<sub>m1</sub>CH<sub>3</sub>, -OC(O)-(CH<sub>2</sub>)<sub>m1</sub>CH<sub>3</sub>, -C(O)-O-C<sub>1</sub>-C<sub>8</sub>alkyl, wherein m1 is an integer of 0 to 5;

or the following formula



or



wherein

W<sup>3</sup> and W<sup>4</sup> are independently of each other H, -NR<sup>103</sup>R<sup>104</sup>, C<sub>1</sub>-C<sub>8</sub>thioalkyl, or C<sub>1</sub>-C<sub>8</sub>alkoxy,

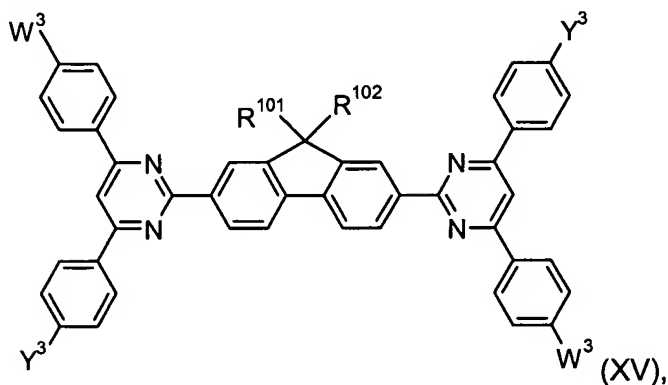
Y<sup>3</sup> and Y<sup>4</sup> are independently of each other H, -NR<sup>103</sup>R<sup>104</sup>, C<sub>1</sub>-C<sub>8</sub>thioalkyl, or C<sub>1</sub>-C<sub>8</sub>alkoxy, wherein R<sup>103</sup> and R<sup>104</sup> are independently of each other H, or C<sub>1</sub>-C<sub>8</sub>alkyl.

W<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X,

$Y^5$  is H,  $C_1$ - $C_8$ alkyl, or  $O(CH_2)_{n1}-X$ ,

wherein  $n1$  is an integer of 1 to 5 and  $X$  is  $-O-(CH_2)_{m1}CH_3$ ,  $-OC(O)-(CH_2)_{m1}CH_3$ ,  $-C(O)-O-C_1$ - $C_8$ alkyl,  $-NR^{103}R^{104}$ , wherein  $m1$  is an integer of 0 to 5 and  $R^{103}$  and  $R^{104}$  are independently of each other H, or  $C_1$ - $C_8$ -alkyl, or  $R^{103}$  and  $R^{104}$  together form a five or six membered heterocyclic ring;

-or the following formula



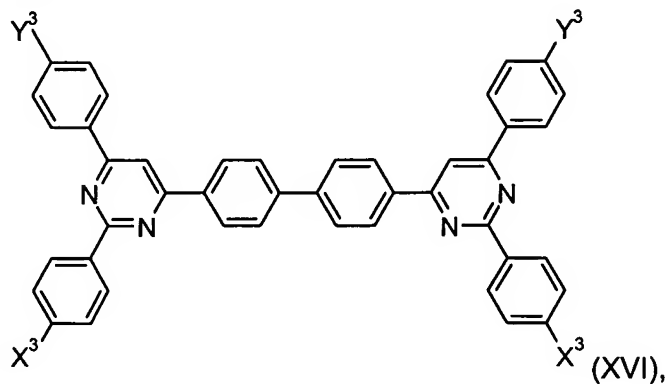
wherein

$W^3$  is H,  $-NR^{103}R^{104}$ ,  $C_1$ - $C_8$ thioalkyl, or  $C_1$ - $C_8$ alkoxy,

$Y^3$  is H,  $-NR^{103}R^{104}$ ,  $C_1$ - $C_8$ thioalkyl, or  $C_1$ - $C_8$ alkoxy, wherein  $R^{103}$  and  $R^{104}$  are independently of each other H, or  $C_1$ - $C_8$ alkyl,

$R^{101}$  and  $R^{102}$  are independently of each other H,  $C_1$ - $C_8$ alkyl, phenyl, or  $C_5$ - $C_7$ cycloalkyl, in particular cyclohexyl;

or the following formula

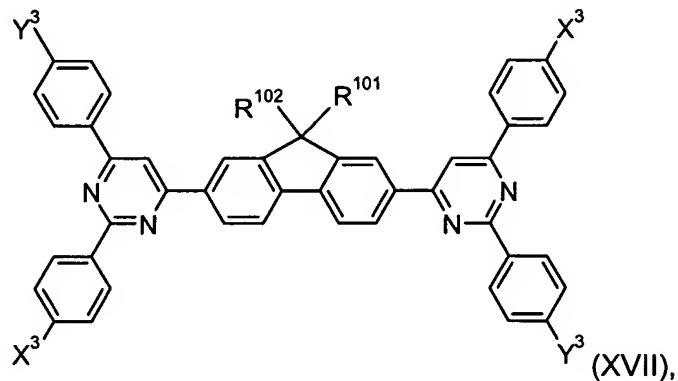


wherein

$Y^3$  is H,  $-NR^{103}R^{104}$ ,  $C_1$ - $C_8$ thioalkyl, or  $C_1$ - $C_8$ alkoxy,

$X^3$  is H,  $-NR^{103}R^{104}$ ,  $C_1$ - $C_8$ thioalkyl, or  $C_1$ - $C_8$ alkoxy, wherein  $R^{103}$  and  $R^{104}$  are independently of each other H, or  $C_1$ - $C_8$ alkyl;

or the following formula

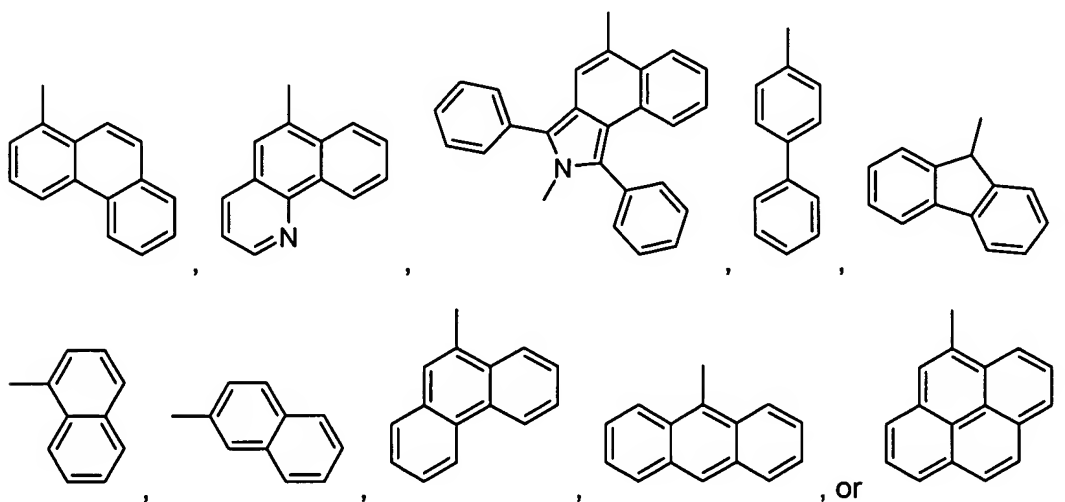


wherein

$Y^3$  is H,  $-NR^{103}R^{104}$ ,  $C_1$ - $C_8$ thioalkyl, or  $C_1$ - $C_8$ alkoxy,

$X^3$  is H,  $-NR^{103}R^{104}$ ,  $C_1$ - $C_8$ thioalkyl, or  $C_1$ - $C_8$ alkoxy, wherein  $R^{103}$  and  $R^{104}$  are independently of each other H, or  $C_1$ - $C_8$ alkyl, and  $R^{101}$  and  $R^{102}$  are independently of each other H,  $C_1$ - $C_8$ alkyl, phenyl, or  $C_5$ - $C_7$ cycloalkyl.

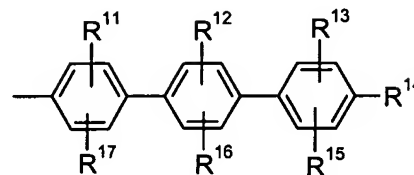
8. **(withdrawn)** An electroluminescent device according to claim 17, wherein W and Y are groups of the formula



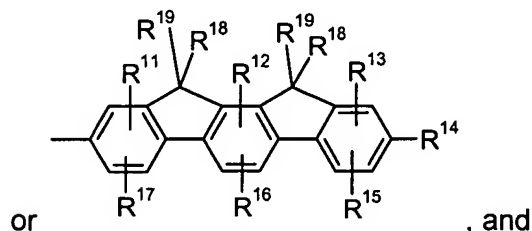


9. (cancelled)

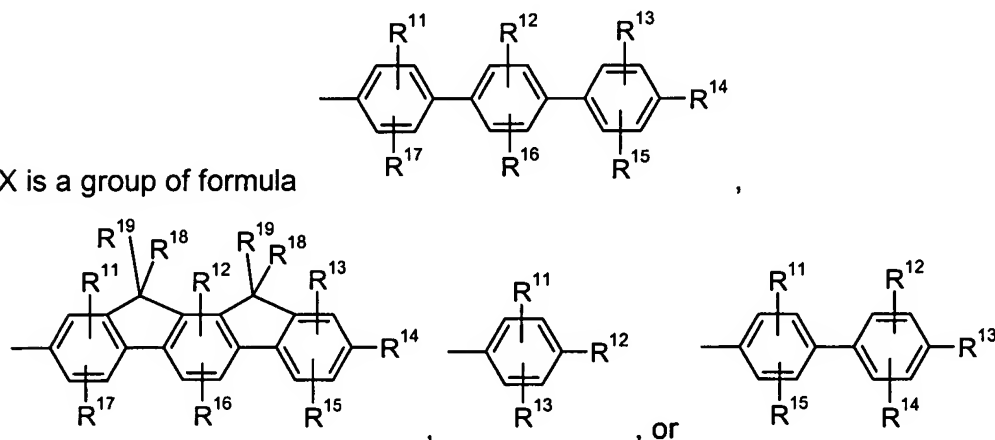
10. (previously presented) An electroluminescent device according to claim 17, comprising a pyrimidine compound of formula I, wherein V is hydrogen,



W and Y are independently of each other a group of formula



X is a group of formula



wherein

$R^{11}$ ,  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  are independently of each other H,  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E; E,  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;

$R^{18}$  and  $R^{19}$  are independently of each other H,  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;

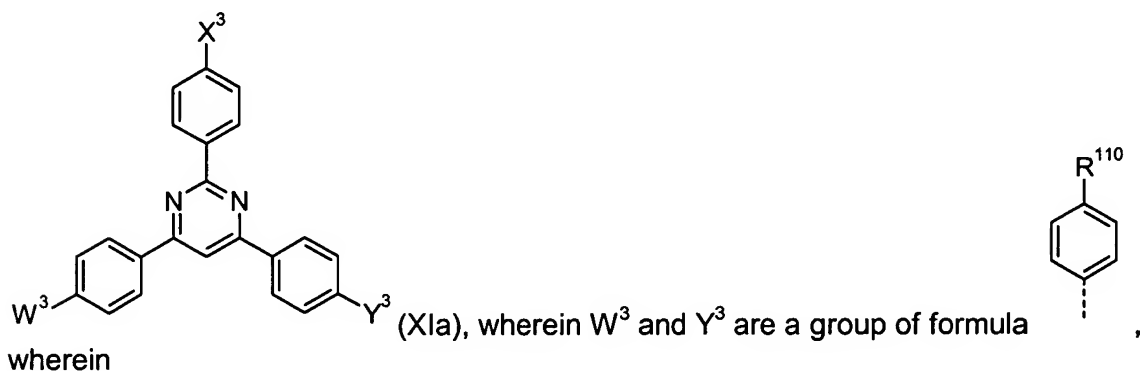
D is  $-CO-$ ;  $-COO-$ ;  $-OCOO-$ ;  $-S-$ ;  $-SO-$ ;  $-SO_2-$ ;  $-O-$ ;  $-NR^5-$ ;  $-SiR^5R^6-$ ;  $-POR^5-$ ;  $-CR^5=CR^6-$ ; or  $-C\equiv C-$ ;

E is  $-OR^5$ ;  $-SR^5$ ;  $-NR^5R^6$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $-CN$ ;  $-OCOOR^7$ ; or halogen

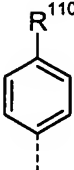
R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>8</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; or two substituents selected from V<sup>1</sup> to V<sup>5</sup>, W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup>, Y<sup>1</sup> to Y<sup>5</sup> which are in neighborhood to each other form a five to seven membered ring.

11. **(previously presented)** An electroluminescent device according to claim 17, comprising a pyrimidine compound of formula

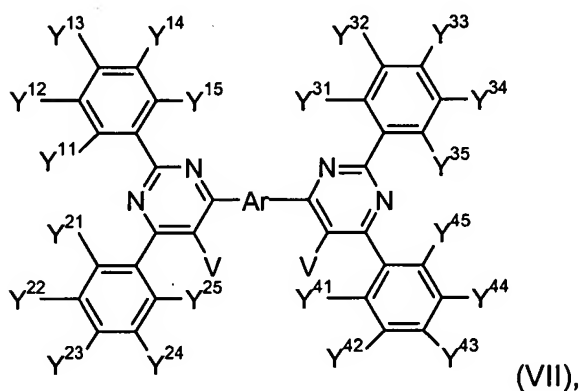
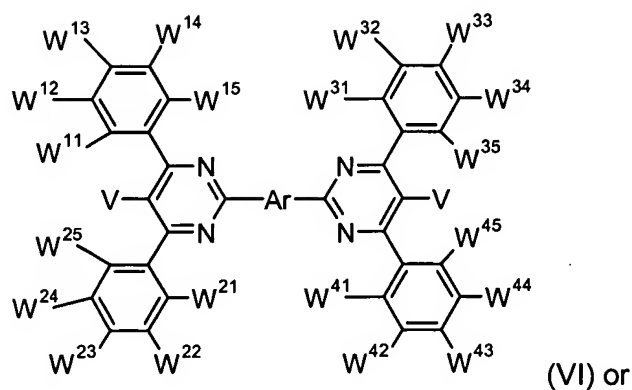


R<sup>110</sup> is C<sub>6</sub>-C<sub>10</sub>-aryl, C<sub>6</sub>-C<sub>10</sub>-aryl which is substituted by C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy or C<sub>4</sub>-C<sub>10</sub> heteroaryl, and

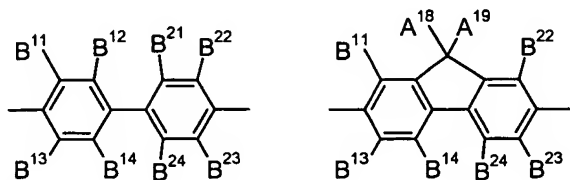
X<sup>3</sup> is H, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, Ph, or .

12. **(cancelled)**

13. **(currently amended and withdrawn):** A pyrimidine compound according to claim 24 [[17]] of formula



wherein Ar is a group of formula



,  $W^{11}$  to  $W^{15}$ ,  $W^{21}$  to  $W^{25}$ ,  $W^{31}$  to  $W^{35}$ ,  $W^{41}$  to  $W^{45}$ ,  $Y^{11}$  to  $Y^{15}$ ,  $Y^{21}$  to  $Y^{25}$ ,  $Y^{31}$  to  $Y^{35}$  and  $Y^{41}$  to  $Y^{45}$  are independently of each other H;  $C_6$ - $C_{24}$ aryl;  $C_6$ - $C_{24}$ aryl which is substituted by G;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_7$ - $C_{18}$ alkylaryl;  $C_7$ - $C_{18}$ alkylaryl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl;  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy,  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ;  $-NR^5R^6$ ;  $C_2$ - $C_{24}$ heteroaryl;  $C_2$ - $C_{24}$ heteroaryl which is substituted by L;  $-SOR^4$ ;  $-SO_2R^4$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $C_4$ - $C_{18}$ cycloalkyl;  $C_4$ - $C_{18}$ cycloalkyl which is substituted by E and/or interrupted by D;  $C_4$ - $C_{18}$ cycloalkenyl;  $C_4$ - $C_{18}$ cycloalkenyl which is substituted by E and/or interrupted by D;

V is H;  $C_6$ - $C_{24}$ aryl;  $C_6$ - $C_{24}$ aryl which is substituted by G;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_7$ - $C_{18}$ alkylaryl;  $C_7$ - $C_{18}$ alkylaryl which is substituted by

E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; or -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl which is substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D; A<sup>18</sup> and A<sup>19</sup> are independently of each other H, C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E,

B<sup>11</sup> to B<sup>14</sup> and B<sup>21</sup> to B<sup>24</sup> are independently of each other H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>18</sub>heteroaryl; C<sub>2</sub>-C<sub>18</sub>heteroaryl which is substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; or -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D;

G is E; K; heteroaryl; heteroaryl which is substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E and/or K;

K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D;

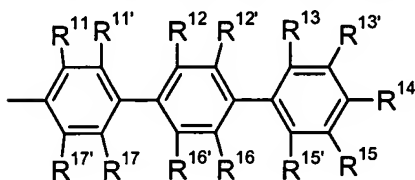
L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G, E and/or K;

R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

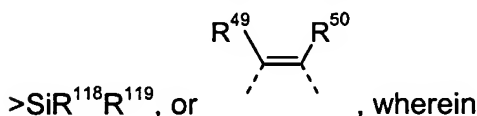
R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>8</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; or two substituents selected from V<sup>1</sup> to V<sup>5</sup>, W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup>, Y<sup>1</sup> to Y<sup>5</sup> which are in neighborhood to each other form a five to seven membered ring.

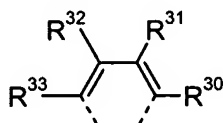
14. (currently amended): A pyrimidine compound of formula I according to claim 24 [[12]], wherein at least one of the groups W, X and Y is a group of formula



, and the other groups are independently of each other an aryl group or a heteroaryl group, wherein R<sup>11</sup>, R<sup>11'</sup>, R<sup>12</sup>, R<sup>12'</sup>, R<sup>13</sup>, R<sup>13'</sup>, R<sup>15</sup>, R<sup>15'</sup>, R<sup>16</sup>, R<sup>16'</sup>, R<sup>17</sup> and R<sup>17'</sup> are independently of each other H, E, C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>aralkyl; or C<sub>7</sub>-C<sub>18</sub>aralkyl which is substituted by E; or R<sup>11'</sup> and R<sup>12</sup>, R<sup>12'</sup> and R<sup>13</sup>, R<sup>15'</sup> and R<sup>16</sup>, and R<sup>16'</sup> and R<sup>17</sup> are each a divalent group L<sup>1</sup> selected from an oxygen atom, an sulfur atom, >CR<sup>118</sup>R<sup>119</sup>



R<sup>118</sup> and R<sup>119</sup> are independently of each other C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>7</sub>-C<sub>18</sub>aralkyl; R<sup>11</sup> and R<sup>11'</sup>, R<sup>12</sup> and R<sup>12'</sup>, R<sup>13</sup> and R<sup>13'</sup>, R<sup>13'</sup> and R<sup>14</sup>, R<sup>14</sup> and R<sup>15</sup>, R<sup>15</sup> and R<sup>15'</sup>, R<sup>16</sup> and R<sup>16'</sup>, and R<sup>17</sup>



and R<sup>17</sup> are each a divalent group, wherein

R<sup>30</sup>, R<sup>31</sup>, R<sup>32</sup>, R<sup>33</sup>, R<sup>49</sup> and R<sup>50</sup> are independently of each other H, C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl, which is substituted by E and/or interrupted by D; E; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl, which is substituted by E;

R<sup>14</sup> is H, C<sub>2</sub>-C<sub>30</sub>heteroaryl, C<sub>6</sub>-C<sub>30</sub>aryl, or C<sub>6</sub>-C<sub>30</sub>aryl which is substituted by E, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D;

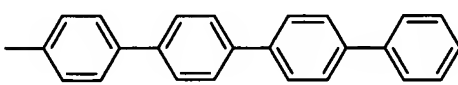
D is -CO-; -COO-; -OCOO-; -S-; -SO-; -SO<sub>2</sub>-; -O-; -NR<sup>5</sup>-; SiR<sup>5</sup>R<sup>6</sup>-; -POR<sup>5</sup>-; -CR<sup>9</sup>=CR<sup>10</sup>-; or -C≡C-;

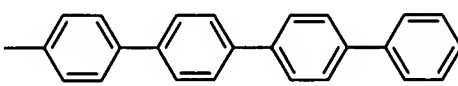
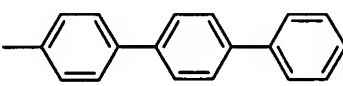
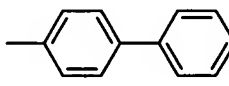
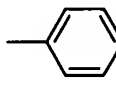
E is -OR<sup>5</sup>; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; -CN; or halogen, especially F, or Cl; wherein R<sup>5</sup> and R<sup>6</sup> are independently of each other C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; or

$R^5$  and  $R^6$  together form a five or six membered ring,  $R^7$  is  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ;  
 $R^8$  is  $C_7-C_{12}$ alkylaryl;  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ; and  
 $R^9$  and  $R^{10}$  are independently of each other H,  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ .

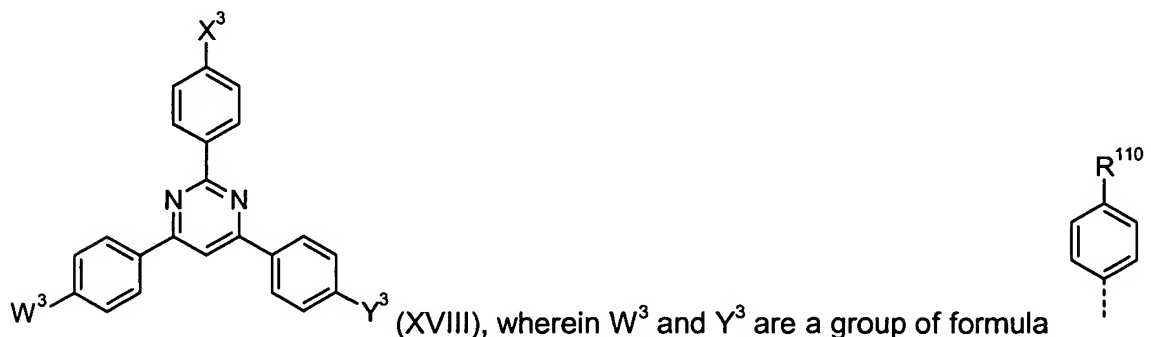
15. (original): A pyrimidine compound according to claim 14, wherein  
V is hydrogen,

W and Y are a group of formula ,

or , and

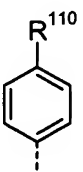
X is a group of formula , ,  
, or .

16. (currently amended) A pyrimidine compound according to claim 24 [[11]], of formula

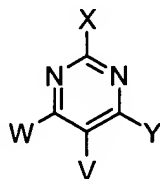


wherein

$R^{110}$  is  $C_6-C_{10}$ -aryl, which is optionally substituted by  $C_1-C_6$ -alkyl, or  $C_1-C_4$ -alkoxy or  $C_4-C_{10}$  heteroaryl, and

$X^3$  is H,  $C_1-C_6$ -alkyl,  $C_1-C_4$ -alkoxy, Ph, or .

17. **(currently amended)** An electroluminescent device ~~according to claim 1~~ comprising an anode, a cathode and one or a plurality of organic compound layers sandwiched therebetween, in which said organic compound layers comprise an organic compound wherein the organic compound is a pyrimidine compound of formula



V, W, Y and X are independently of each other C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, which can be substituted or ~~unsubstituted~~ unsubstituted; H; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl, C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>;

wherein

D is -CO-; -COO-; -OCOO-; -S-; -SO-; -SO<sub>2</sub>-; -O-; -NR<sup>5</sup>-; -SiR<sup>5</sup>R<sup>6</sup>-; -POR<sup>5</sup>-; -CR<sup>5</sup>=CR<sup>6</sup>-; or -C≡C-;  
E is -OR<sup>5</sup>; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; -CN; -OCOOR<sup>7</sup>; or halogen;

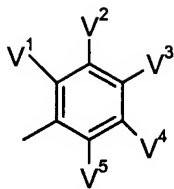
R<sup>5</sup> and R<sup>6</sup> are independently of each other H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

or

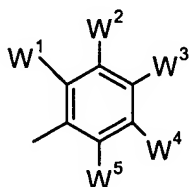
R<sup>5</sup> and R<sup>6</sup> together form a five or six membered ring,

with the proviso that at least ~~[[one]]~~ two of the groups V, W, X and Y is a C<sub>6</sub>-C<sub>24</sub>aryl, or C<sub>2</sub>-C<sub>24</sub>heteroaryl group, which can be substituted.

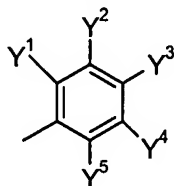
18. **(withdrawn)** An electroluminescent device according to claim 17, wherein when V is C<sub>6</sub>-C<sub>30</sub>aryl it is



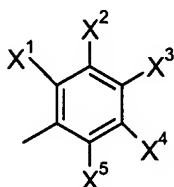
when W is C<sub>6</sub>-C<sub>30</sub>aryl it is



when Y is C<sub>6</sub>-C<sub>30</sub>aryl it is



when X is C<sub>6</sub>-C<sub>30</sub>aryl it is



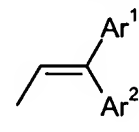
wherein the groups

V<sup>1</sup> to V<sup>5</sup>, W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup> and Y<sup>1</sup> to Y<sup>5</sup> are independently of each other H; halogen, C<sub>6</sub>-C<sub>24</sub>aryl; C<sub>6</sub>-C<sub>24</sub>aryl which is substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by

D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D;

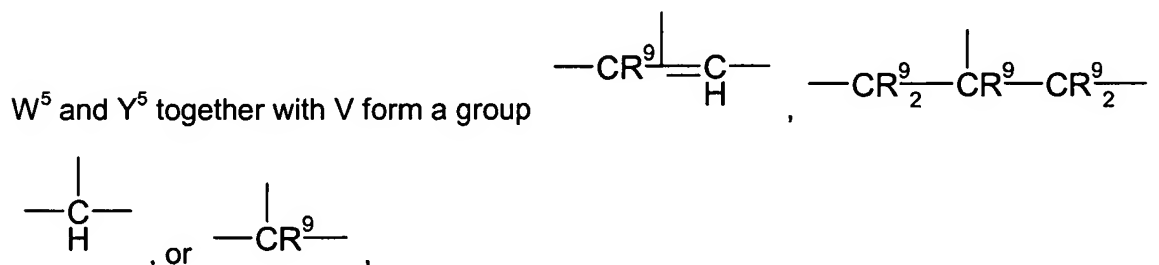
wherein Ar<sup>1</sup> is C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, Ar<sup>2</sup> is C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, H,

C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-

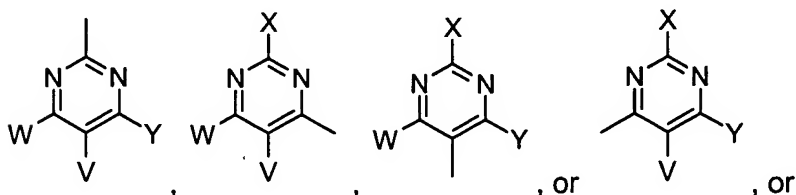




C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl which is substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D; or W<sup>5</sup> or Y<sup>5</sup> together with V form a group -CR<sup>9</sup><sub>2</sub>-, -CR<sup>9</sup><sub>2</sub>-CR<sup>9</sup><sub>2</sub>-, -C(=O)CR<sup>9</sup><sub>2</sub>-, -C(=O)-, or -CR<sup>9</sup>=CR<sup>9</sup>-, or

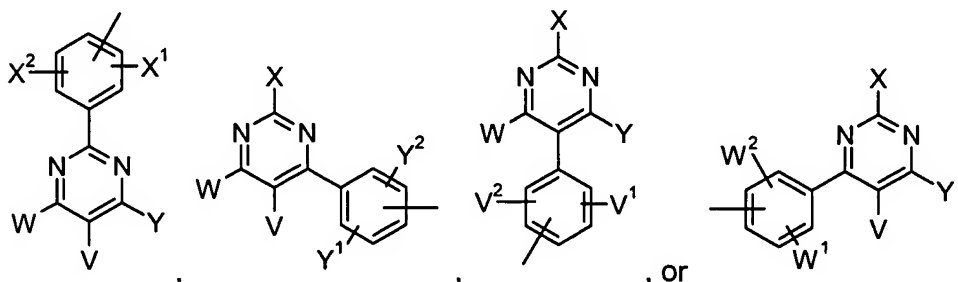


wherein R<sup>9</sup> is H; C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-, C<sub>6</sub>-C<sub>18</sub>aryl, C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, or C<sub>1</sub>-C<sub>18</sub>alkoxy, or one of the substituents V, W, X, or Y is a group of the formula -Z, -Ar-Z, wherein Ar is C<sub>6</sub>-C<sub>24</sub>aryl or C<sub>2</sub>-C<sub>24</sub>heteroaryl, which can be substituted, wherein Z is a group of formula



one of the substituents

V<sup>1</sup> to V<sup>5</sup>, W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup>, or Y<sup>1</sup> to Y<sup>5</sup> is a group of the formula -Z', -Ar-Z', wherein Ar is C<sub>6</sub>-C<sub>24</sub>aryl or C<sub>2</sub>-C<sub>24</sub>heteroaryl, which can be substituted, wherein Z' is a group of formula



wherein

A<sup>1</sup>, B<sup>1</sup> and B<sup>2</sup> are independently of each other H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>18</sub>heteroaryl; C<sub>2</sub>-C<sub>18</sub>heteroaryl which is substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D; or

two substituents A<sup>1</sup>, B<sup>1</sup>, B<sup>2</sup> or B<sup>1</sup> and B<sup>2</sup> form a five to seven membered ring, which can be substituted,

m is an integer of 1 to 4; and W<sup>1</sup>, W<sup>2</sup>, Y<sup>1</sup>, Y<sup>2</sup>, X<sup>1</sup>, X<sup>2</sup>, V, W, X and Y are as defined above;

G is E; K; heteroaryl; heteroaryl which is substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E and/or K;

K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D;

L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G, E and/or K;

R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

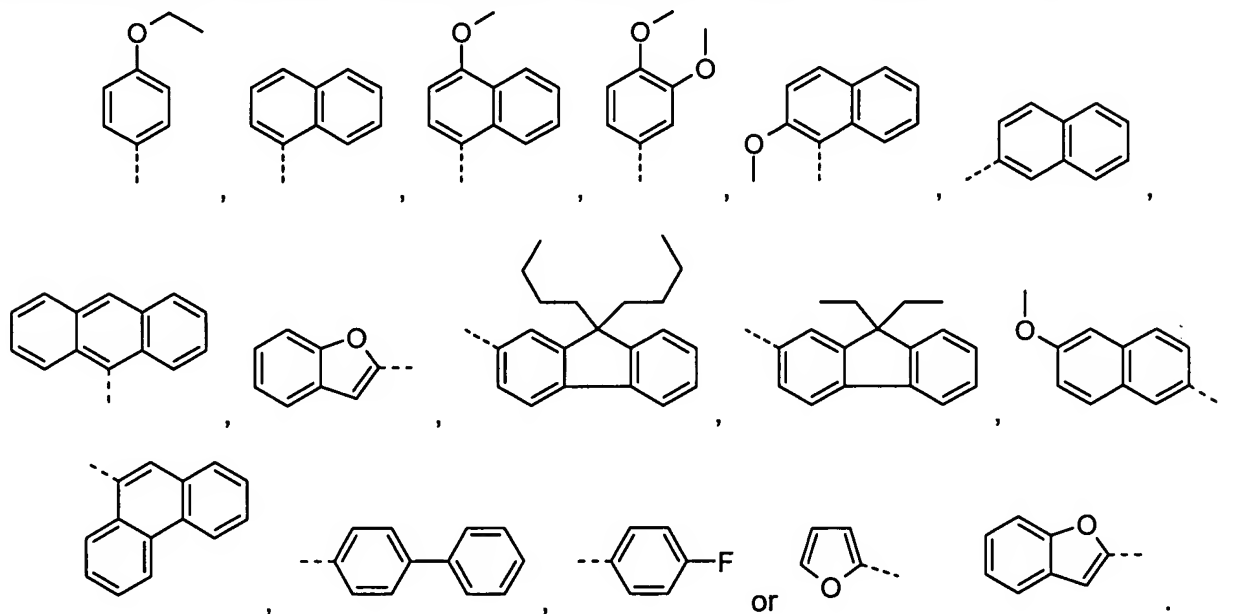
R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>8</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-.

or two substituents selected from  $V^1$  to  $V^5$ ,  $W^1$  to  $W^5$ ,  $X^1$  to  $X^5$ ,  $Y^1$  to  $Y^5$  which are in neighborhood to each other form a five to seven membered ring.

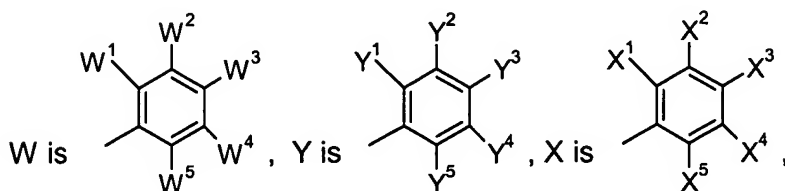
**19 -20 (cancelled)**

**21. (withdrawn):** An electroluminescent device according to claim 11, wherein  $R^{110}$  is



**22. (new):** An electroluminescent device according to claim 17, wherein

$V$  is H;



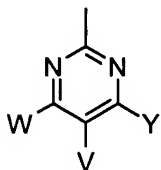
wherein the groups

$W^1$  to  $W^5$ ,  $X^1$  to  $X^5$  and  $Y^1$  to  $Y^5$  are independently of each other H; halogen,  $C_6$ - $C_{24}$ aryl;  $C_6$ - $C_{24}$ aryl which is substituted by G;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_7$ - $C_{18}$ alkylaryl;  $C_7$ - $C_{18}$ alkylaryl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl;  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy,  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ;  $-NR^5R^6$ ;  $C_2$ - $C_{24}$ heteroaryl;  $C_2$ - $C_{24}$ heteroaryl which is substituted by L;  $-SOR^4$ ;  $-SO_2R^4$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $C_4$ -

C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D

or

one of the substituents W, X, or Y is a group of the formula -Z, -Ar-Z, wherein Ar is C<sub>6</sub>-C<sub>24</sub>aryl or C<sub>2</sub>-C<sub>24</sub>heteroaryl, which can be substituted, wherein Z is a group of formula



wherein

G is E; K; heteroaryl; heteroaryl which is substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E and/or K;

K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D;

L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G, E and/or K;

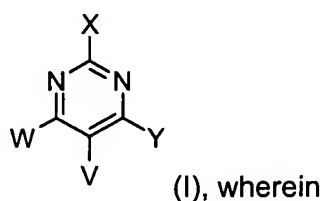
R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>8</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-.

23. (new): An electroluminescent device according to claim 22, wherein the groups  $W^1$  to  $W^5$ ,  $X^1$  to  $X^5$  and  $Y^1$  to  $Y^5$  are independently of each other H; halogen,  $C_6$ - $C_{24}$ aryl;  $C_6$ - $C_{24}$ aryl which is substituted by G;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy,  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $C_2$ - $C_{24}$ heteroaryl;  $C_2$ - $C_{24}$ heteroaryl which is substituted by L;  $-COR^8$ ;  $-COOR^7$ ; or  $-CONR^5R^6$ .

24. (new) A pyrimidine compound of formula



V, W, Y and X are independently of each other  $C_6$ - $C_{30}$ aryl or  $C_2$ - $C_{30}$ heteroaryl, which can be substituted or unsubstituted; H;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl,  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ;  $-NR^5R^6$ ;

wherein

D is  $-CO-$ ;  $-COO-$ ;  $-OCOO-$ ;  $-S-$ ;  $-SO-$ ;  $-SO_2-$ ;  $-O-$ ;  $-NR^5-$ ;  $-SiR^5R^6-$ ;  $-POR^5-$ ;  $-CR^5=CR^6-$ ; or  $-C\equiv C-$ ;  
E is  $-OR^5$ ;  $-SR^5$ ;  $-NR^5R^6$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $-CN$ ;  $-OCOOR^7$ ; or halogen;

$R^5$  and  $R^6$  are independently of each other H;  $C_6$ - $C_{18}$ aryl;  $C_6$ - $C_{18}$ aryl which is substituted by  $C_1$ - $C_{18}$ alkyl,  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkyl; or  $C_1$ - $C_{18}$ alkyl which is interrupted by  $-O-$ ;

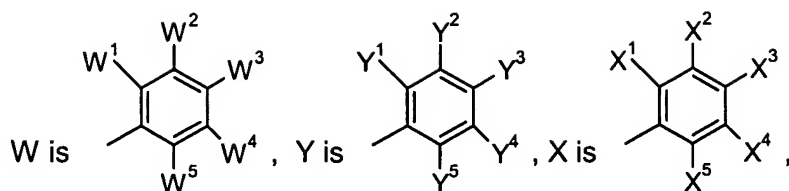
or

$R^5$  and  $R^6$  together form a five or six membered ring,

with the proviso that at least two of the groups V, W, X and Y is a  $C_6$ - $C_{24}$ aryl, or  $C_2$ - $C_{24}$ heteroaryl group, which can be substituted.

25. (new) A pyrimidine compound of formula I according to claim 24, wherein

V is H;

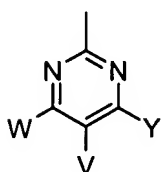


wherein the groups

W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup> and Y<sup>1</sup> to Y<sup>5</sup> are independently of each other H; halogen, C<sub>6</sub>-C<sub>24</sub>aryl; C<sub>6</sub>-C<sub>24</sub>aryl which is substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl which is substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D

or

one of the substituents W, X, or Y is a group of the formula -Z, -Ar-Z, wherein Ar is C<sub>6</sub>-C<sub>24</sub>aryl or C<sub>2</sub>-C<sub>24</sub>heteroaryl, which can be substituted, wherein Z is a group of formula



wherein

G is E; K; heteroaryl; heteroaryl which is substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E and/or K;

K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted

by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl which is substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl which is substituted by E and/or interrupted by D;

L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G, E and/or K;

R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

R<sup>8</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-.